

Title (en)

Information recording and reproducing apparatus.

Title (de)

Informationsaufzeichnungs- und -wiedergabegerät.

Title (fr)

Appareil d'enregistrement et de reproduction d'information.

Publication

**EP 0357464 A2 19900307 (EN)**

Application

**EP 89308927 A 19890904**

Priority

JP 22094588 A 19880902

Abstract (en)

An information recording and reproducing apparatus having a plurality of optical disk drives including a data optical disk drive for storing data, a work optical disk drive for temporarily storing the data and, preferably, a disk cache memory. The optical disk drives are coupled to a host device through an optical disk control unit for controlling recording and reproduction of the data thereon and therefrom. The optical disk control unit once writes commands and data transmitted from the host device into the work optical disk drive and the disk cache memory and, if required, writes the data of the disk cache memory into the data optical disk drive. The optical disk control unit, on rising of the apparatus, restores the data of the data optical disk drive to be in the latest state by using the contents of the work optical disk drive, whereby the number of times of writing to an optical disk is decreased with the disk cache memory so as to prevent the data loss on occurrence of abnormality of the apparatus.

IPC 1-7

**G06F 12/08**

IPC 8 full level

**G06F 3/06** (2006.01); **G06F 3/08** (2006.01); **G06F 11/14** (2006.01); **G06F 12/08** (2006.01); **G11B 7/00** (2006.01); **G11B 7/0037** (2006.01); **G11B 7/004** (2006.01); **G11B 20/10** (2006.01)

CPC (source: EP KR US)

**G06F 11/14** (2013.01 - EP KR US); **G06F 12/0804** (2013.01 - EP KR US); **G06F 12/0866** (2013.01 - EP KR US); **G11B 7/0037** (2013.01 - EP KR US)

Cited by

US6070226A; EP0702305A1; EP0475624A1; US5289589A; EP0555644A3; US5426629A; EP0542156B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0357464 A2 19900307**; **EP 0357464 A3 19910320**; **EP 0357464 B1 19950510**; DE 68922552 D1 19950614; DE 68922552 T2 19951005; JP H0268769 A 19900308; JP H0664838 B2 19940822; KR 900005327 A 19900414; KR 930007643 B1 19930814; US 5313612 A 19940517

DOCDB simple family (application)

**EP 89308927 A 19890904**; DE 68922552 T 19890904; JP 22094588 A 19880902; KR 890012699 A 19890902; US 2241893 A 19930216